



KASB 2017-18 Enrollment Projection Report

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Key Findings

This report presents the findings from KASB's 2017-18 Enrollment Projections for the state of Kansas as a whole, and also provides instructions on how these projections can be accessed at the district level. Here are some of the key findings:

- The projected enrollment is expected to increase 0.4 percent next year, decline from 2018-19 to 2019-20, stay steady into 2020-21, then decline approximately 0.2 percent annually through 2022-23.
- From 2017-18 to 2022-23 there will be a decrease in the percent of students in grades K-6 and for Special Education 3 and 4-year olds, 4 year-old at risk students, and Pre-Kindergarten students.
- The percent of students coming from small and medium districts will increase from 2017-18 to 2022-23.
- From 2017-18 to 2022-23, the percent of students coming from KASB Regions 1, 4, and 6-9 will increase slightly, while the percent coming from Regions 2, 3, 5, and 10 will decrease. However, all of these changes are small percent changes.
- Between 2017-18 and 2022-23, the percent of students eligible for free lunch and those eligible for full-price lunch will remain virtually the same, but the percent eligible for reduced-price lunch will decrease slightly.
- The calculated average age of students from districts with between 5001 and 50,000 has been increasing, suggesting that these larger districts might see a decrease in enrollment in the future.
- Comparison of actual values to previously projected values suggest that the KASB enrollment projection calculations produce highly accurate predictions.

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Introduction

This report presents the findings from KASB’s 2017-18 Enrollment Projections for the state of Kansas as a whole, and also provides instructions on how these projections can be accessed at the district level.

Methodology

The following describes the methods used for developing the Enrollment Projections contained in this report. This method is based on the one used by KASB for many years, but was enhanced and expanded as of the 2014-15 school year.

Initial Data

KASB acquires unaudited enrollment counts and the percent enrolled who qualify for free lunch, reduced-price lunch, and full-price lunch from the Kansas State Department of Education (KSDE) via their Comparative Performance & Fiscal System (<http://datacentral.ksde.org/cpfs.aspx>).

KASB acquires county-level birth data by month from the Kansas Department of Health and Environment via their Annual Summary of Vital Statistics (<http://www.kdheks.gov/hci/annsumm.html>).

Ratio of Birth to First Grade Enrollment

Total resident live births by county and school year are calculated using monthly births from September of one year through August of the following year; consistent with the birth dates used to determine age of eligibility for attending first grade. The birth data by county is then tied to the district-level enrollment data based on all counties that the district boundaries cross.

Because of some of the challenges with kindergarten data, KASB utilizes a ratio of births by school year to first grade enrollments seven years later; when the children would be turning seven years old and there-

fore be eligible for first-grade enrollment.

This ratio, which serves as a comparison between children born in the district to the number of students enrolling in first grade within the district seven years later, serves as the basis for the enrollment estimates for the district. Limitations of this ratio include the fact that it does not take into account children moving into or out of the district's boundaries, and also that the county to school district relationship is not a perfect one; as other school district boundaries also cross the counties used for many districts' calculations.

In order to estimate the first grade enrollment numbers for future years, a five-year rolling average is utilized. Such an average is calculated by determining the average ratio for the past five years in order to create the ratio for the first year of the projection, then taking the ratio for the past four years plus the ratio calculated for the first year of the projection and averaging them in order to create the ratio for the second year of the projection, and so forth. Rolling averages are commonly utilized in order to minimize the impact of short-term fluctuations or deviations on the overall projections.

The calculated ratios for five years' worth of school years are then applied to the actual resident live births in order to determine estimated first grade enrollment numbers.

Cohort Survival Rate

For grade levels 2 through 12, a cohort survival ratio is calculated and utilized. The cohort survival ratio determines the relationship between the number of students at a particular grade level one year and the number of students at the next grade level the following year. For kindergarten, the ratio is calculated backwards; determining the ratio of the number of students in first grade one year and the number of students in kindergarten the year prior. Again for

these calculations a five-year rolling average is utilized.

Other Grade Levels

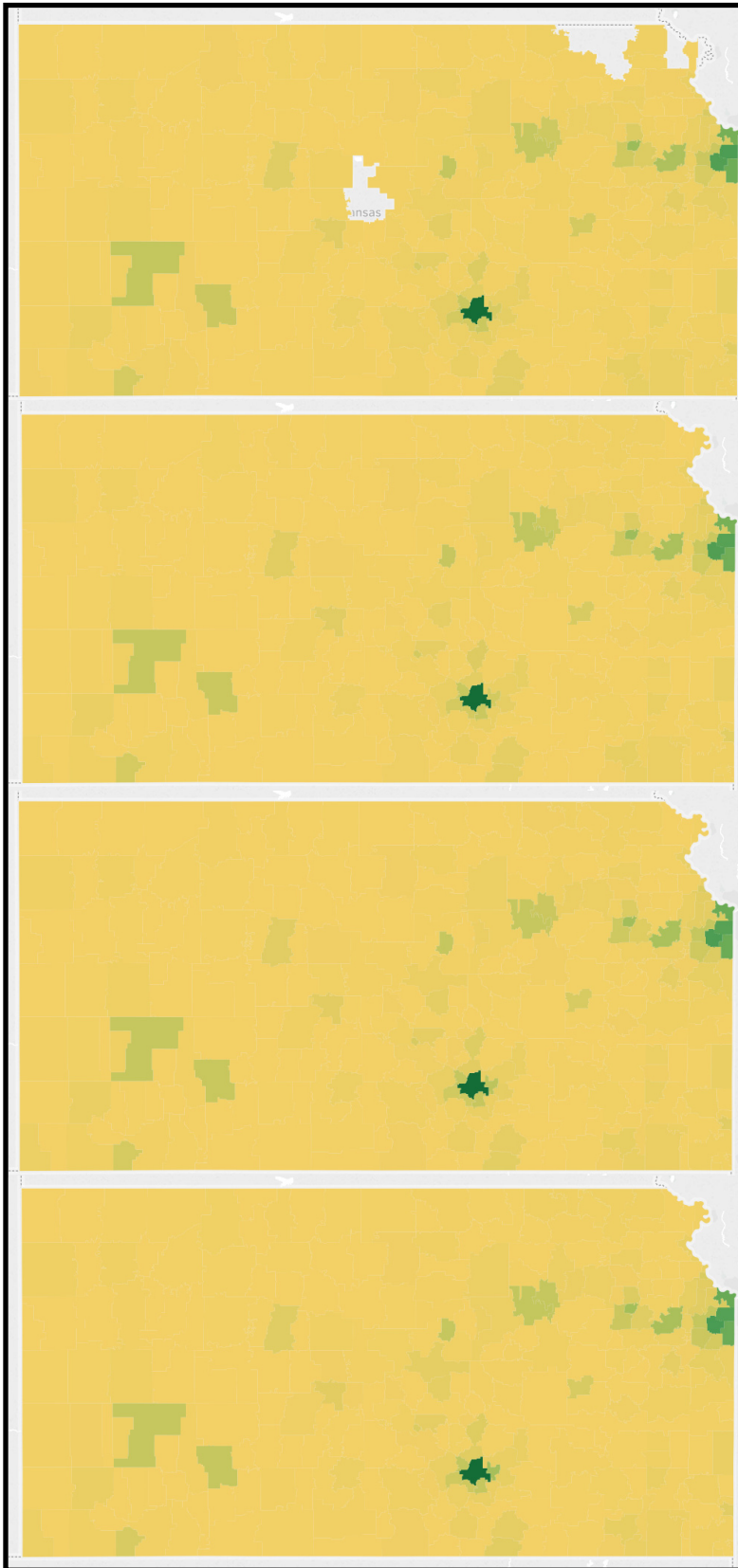
For Pre-Kindergarten, 4-year-old at risk, Special Education 3 and 4-year olds, and Nongraded students, a five-year average ratio of total K-12 students to each group is calculated.

Lunch Status

In order to estimate the enrollment numbers for student participation in the National School Lunch Program, a ratio of each group to the total number of students in K-12 for the same year is calculated, and again a five year rolling average is utilized to project numbers for the next five years.

Average Age

District average age was calculated by assigning an age to each grade level, multiplying the numbers by grade, then dividing by total enrollment. If a district's average age is increasing, that means their student population is aging and decreases in enrollment may be coming in the future. If a district's average age is decreasing, that means their student population is getting younger and increases in enrollment maybe coming in the future.



The maps above show the total student population by school district for 2007-08, 2012-13, 2017-18, and the projected 2022-23 (from top to bottom). Yellow indicates smaller districts, and green indicates larger districts.

Total Enrollment

The table to the right and the graph below show the total enrollment for the state of Kansas. Numbers through 2017-18 are actual as reported by KSDE. Numbers from 2018-19 through 2022-23 are those produced by the enrollment projection process described at the beginning of this report.

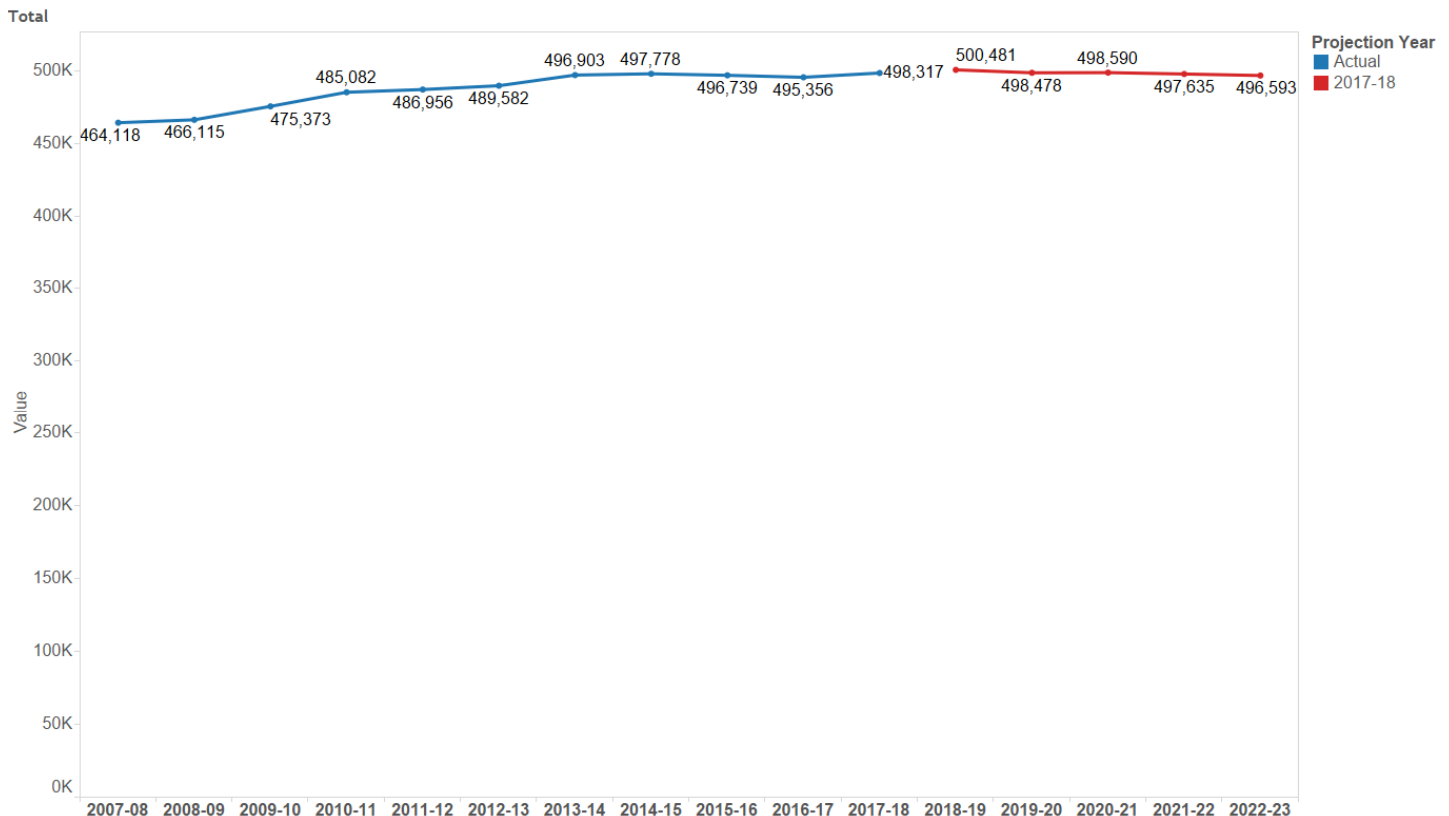
The total student enrollment for Kansas, expressed as a headcount, increased anywhere from 0.2 percent to 2.6 percent annually from 2007-08 to 2014-15. For the next two years, the total saw an annual decline between 0.2 and 0.3 percent, then increased from 2016-17 to 2017-18.

The projected enrollment is expected to increase 0.4 percent next year, decline from 2018-19 to 2019-20, stay steady into 2020-21, then decline approximately 0.2 percent annually through 2022-23.

The maps on the previous page show the total student enrollment by school district for 2007-08, 2011-23, 2017-18, and the projected 2022-23. As can be

Year	Total Enrollment	Percent Change
2007-08	464,118	
2008-09	466,115	0.4%
2009-10	471,612	1.2%
2010-11	484,056	2.6%
2011-12	486,956	0.6%
2012-13	489,582	0.5%
2013-14	496,903	1.5%
2014-15	497,778	0.2%
2015-16	496,739	-0.2%
2016-17	495,356	-0.3%
2017-18	498,317	0.6%
2018-19	500,481	0.4%
2019-20	498,478	-0.4%
2020-21	498,590	0.0%
2021-22	497,635	-0.2%
2022-23	496,593	-0.2%

seen, the projection does not indicate any noticeable changes in the distribution of students by district.



Grades

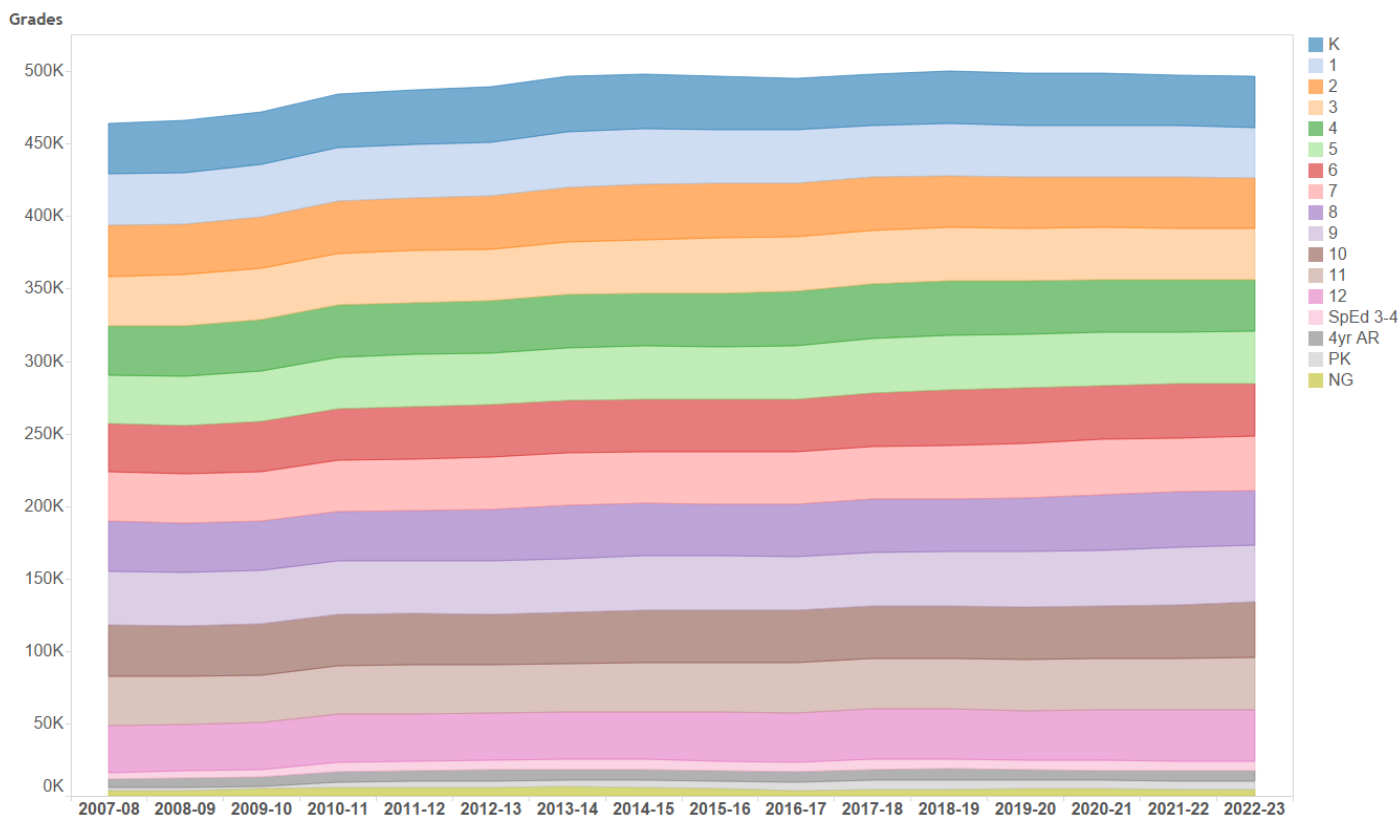
The table to the right and the graph below show the total enrollment broken out by grade level. As can be seen, the distribution by grade level is very consistent over time.

From 2007-08 to 2012-13, there was a decrease in the percent of students in grades 1-3 and 9-12. From 2012-13 to 2017-18, there was a decrease in the percent of students in grades K-2, 7, 9, and for 4-year old at-risk and non-graded students.

The projection indicates that from 2017-18 to 2022-23 there will be a decrease in the percent of students in grades K-6 and for Special Education 3

and 4-year olds, 4 year-old at risk students, and Pre-Kindergarten students.

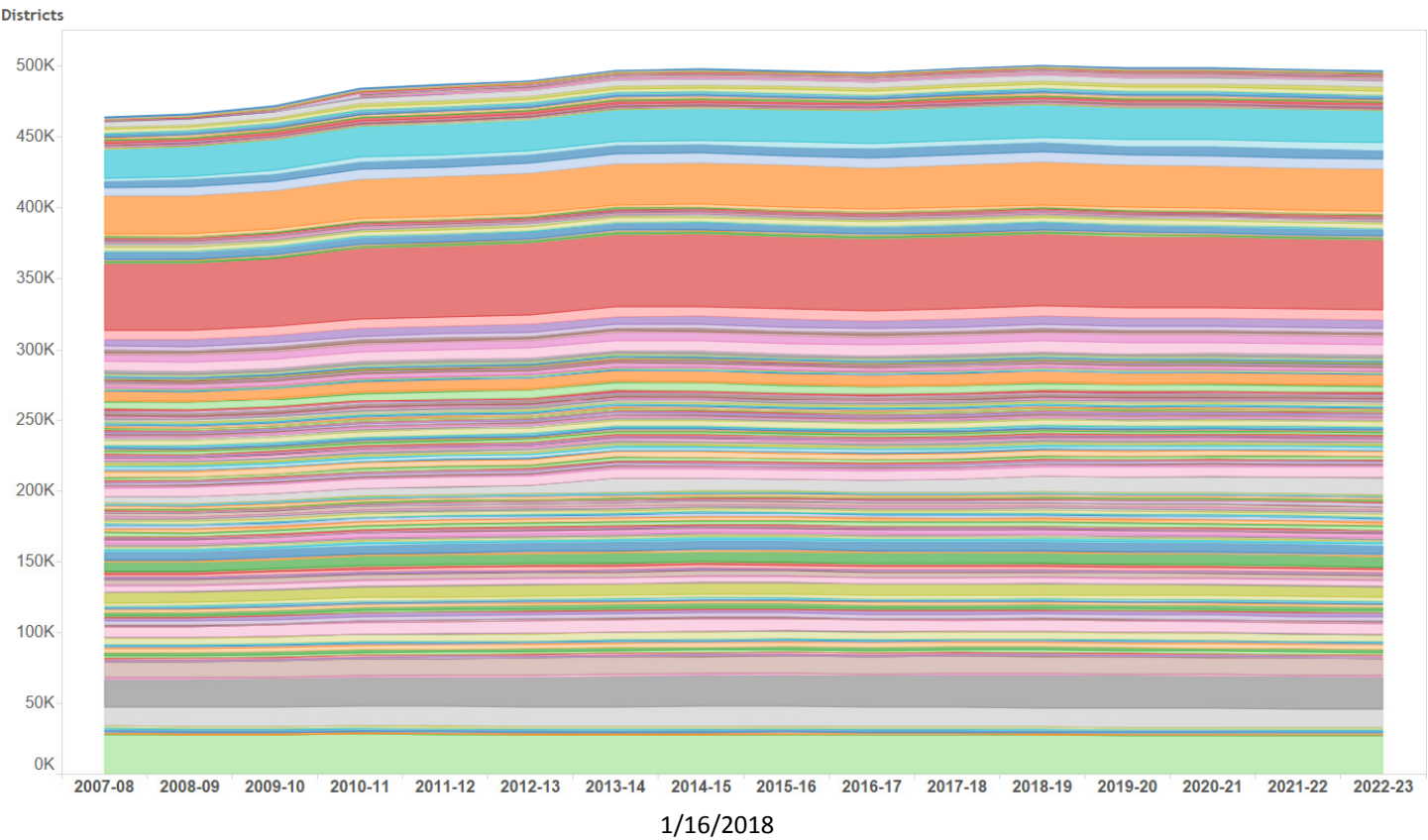
Grade	2007-08		2012-13		2017-18		2022-23	
	#	%	#	%	#	%	#	%
K	35,202	7.58%	38,396	7.84%	35,685	7.16%	35,238	7.10%
1	35,457	7.64%	37,316	7.62%	35,683	7.16%	34,957	7.04%
2	35,004	7.54%	36,410	7.44%	36,587	7.34%	34,951	7.04%
3	34,363	7.40%	36,032	7.36%	37,015	7.43%	35,447	7.14%
4	34,044	7.34%	36,184	7.39%	37,818	7.59%	35,490	7.15%
5	33,184	7.15%	35,578	7.27%	37,838	7.59%	36,353	7.32%
6	33,517	7.22%	35,986	7.35%	36,882	7.40%	36,077	7.26%
7	34,002	7.33%	35,997	7.35%	36,272	7.28%	37,161	7.48%
8	34,233	7.38%	35,473	7.25%	36,323	7.29%	37,600	7.57%
9	37,079	7.99%	37,036	7.56%	37,534	7.53%	39,625	7.98%
10	35,799	7.71%	34,435	7.03%	35,934	7.21%	38,344	7.72%
11	33,436	7.20%	33,476	6.84%	34,783	6.98%	36,171	7.28%
12	32,609	7.03%	32,792	6.70%	34,605	6.94%	34,935	7.03%
SpEd 3-4	4,606	0.99%	6,568	1.34%	6,901	1.38%	6,749	1.36%
4yr AR	5,843	1.26%	7,500	1.53%	7,420	1.49%	7,085	1.43%
PK	1,915	0.41%	4,435	0.91%	7,047	1.41%	5,932	1.19%
NG	3,825	0.82%	5,968	1.22%	3,990	0.80%	4,479	0.90%
Total	464,118		489,582		498,317		496,593	



Districts

As the graph below shows, enrollment by district seems fairly stable in both the historical and projected data. There is no indication that any one district or any small group of districts will experience significant growth or decrease that would impact the statewide total.

A table showing the total enrollment by district can be found starting on page 17.



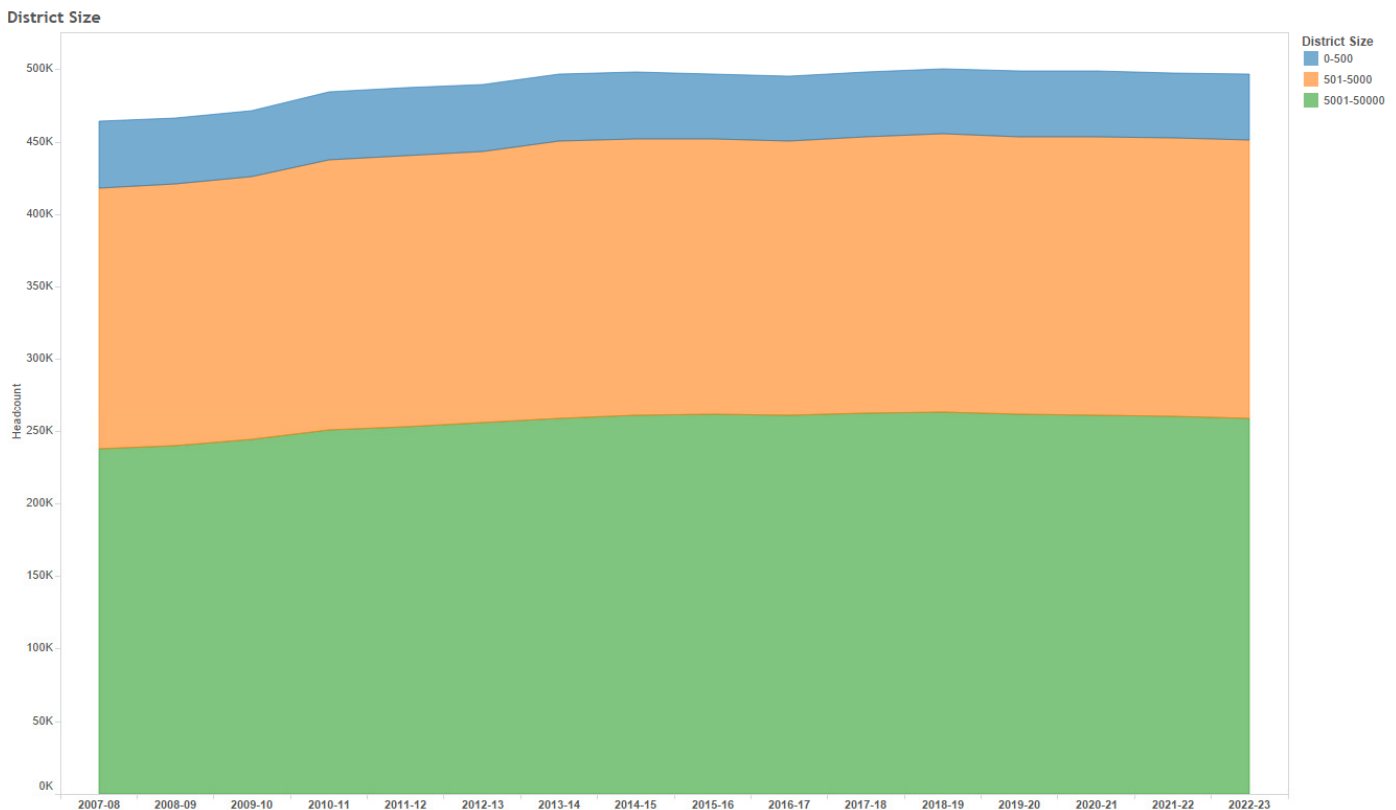
District Size

The table and graph below show total enrollment broken out by district size.

Despite the common belief that small districts continue to shrink while large districts continue to grow, the historical district shows only a small decrease in the percent of students coming from small and medium districts from 2007-08 to 2012-13, and a small decrease in the percent coming from small districts from 2012-13 to 2017-18.

Projection data indicates that the percent of students coming from small and medium districts will increase from 2017-18 to 2022-23.

	2007-08		2012-13		2017-18		2022-23	
District Size	#	%	#	%	#	%	#	%
0-500	46,218	9.96%	46,382	9.47%	44,694	8.97%	45,164	9.09%
501-5000	180,562	38.90%	187,711	38.34%	191,330	38.40%	192,956	38.86%
5001-50000	237,338	51.14%	255,489	52.19%	262,293	52.64%	258,473	52.05%



KASB Region

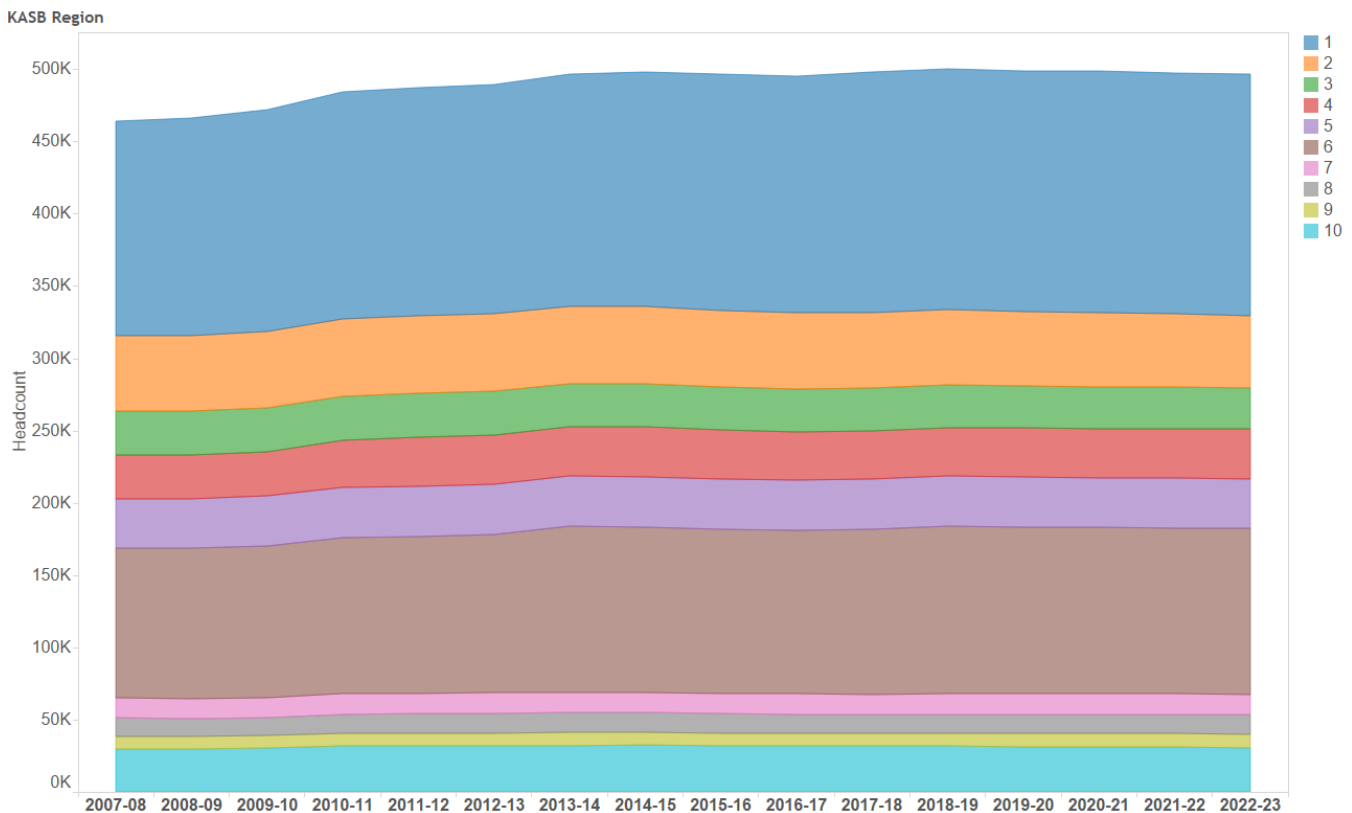
The table and graph below show total student enrollment broken out by KASB Region.

From 2012-13 to 2017-18, the percent of students in KASB Regions 2-5 and 7-10 decreased, while the percent coming from Regions 1 and 6 increased.

Projection data indicates that the percent of students coming from Regions 1, 4, and 6-9 will increase slightly between 2017-18 and 2022-23, while the

percent coming from Regions 2, 3, 5, and 10 will decrease. However, all of these changes are small percent changes.

KASB Region	2007-08		2012-13		2017-18		2022-23	
	#	%	#	%	#	%	#	%
1	148,171	31.93%	158,965	32.47%	166,483	33.41%	167,054	33.64%
2	52,611	11.34%	53,282	10.88%	52,433	10.52%	50,087	10.09%
3	30,322	6.53%	30,255	6.18%	29,742	5.97%	28,640	5.77%
4	30,032	6.47%	34,052	6.96%	33,163	6.66%	34,143	6.88%
5	34,318	7.39%	34,883	7.13%	34,952	7.01%	34,048	6.86%
6	103,571	22.32%	109,568	22.38%	113,952	22.87%	114,950	23.15%
7	13,435	2.89%	14,009	2.86%	13,929	2.80%	14,194	2.86%
8	12,957	2.79%	13,776	2.81%	13,233	2.66%	13,346	2.69%
9	8,974	1.93%	8,982	1.83%	8,773	1.76%	9,553	1.92%
10	29,727	6.41%	31,810	6.50%	31,657	6.35%	30,579	6.16%



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Lunch Status

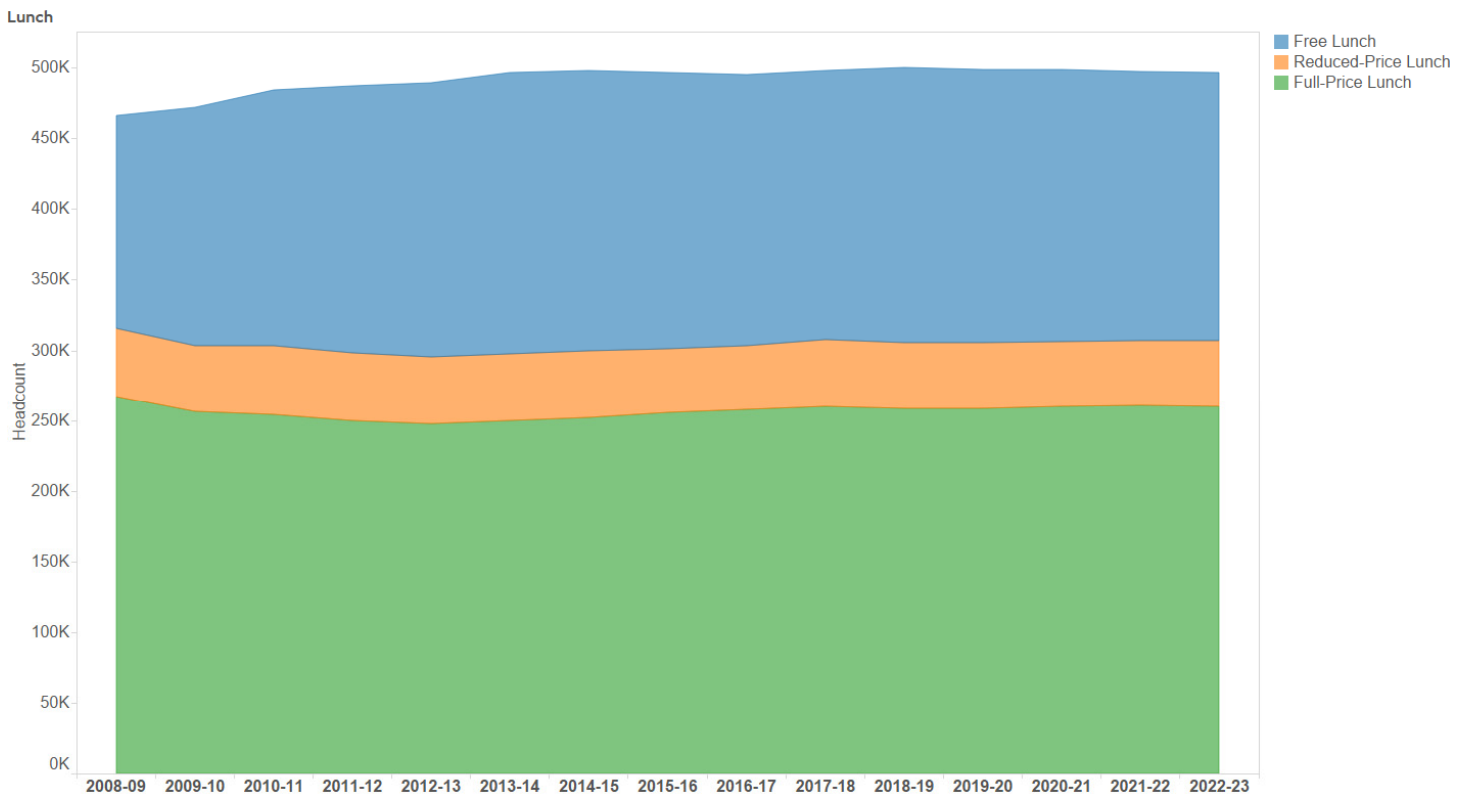
Total enrollment by lunch status is only available back to 2008-09, therefore the 2007-08 information is not included in the graphs and table below and to the right.

From 2012-13 to 2017-18, the percent of students eligible for free or reduced-price lunch decreased. The projected data indicates that between 2017-18 and 2022-23, the percent of students eligible for free lunch and those eligible for full-price lunch will remain virtually the same, but the percent eligible for reduced-price lunch will decrease slightly.

The maps on the next page show status by school district, with red indicating a higher percent of students eligible for free or reduced-price lunch and

green indicating lower percents. These maps do not indicate any noticeable shift in trends across districts.

Category	2012-13		2017-18		2022-23	
	#	%	#	%	#	%
Free Lunch	194,407	39.71%	190,580	38.24%	190,038	38.27%
Reduced-Price Lunch	47,899	9.78%	48,010	9.63%	46,600	9.38%
Full-Price Lunch	247,276	50.51%	259,727	52.12%	259,955	52.35%





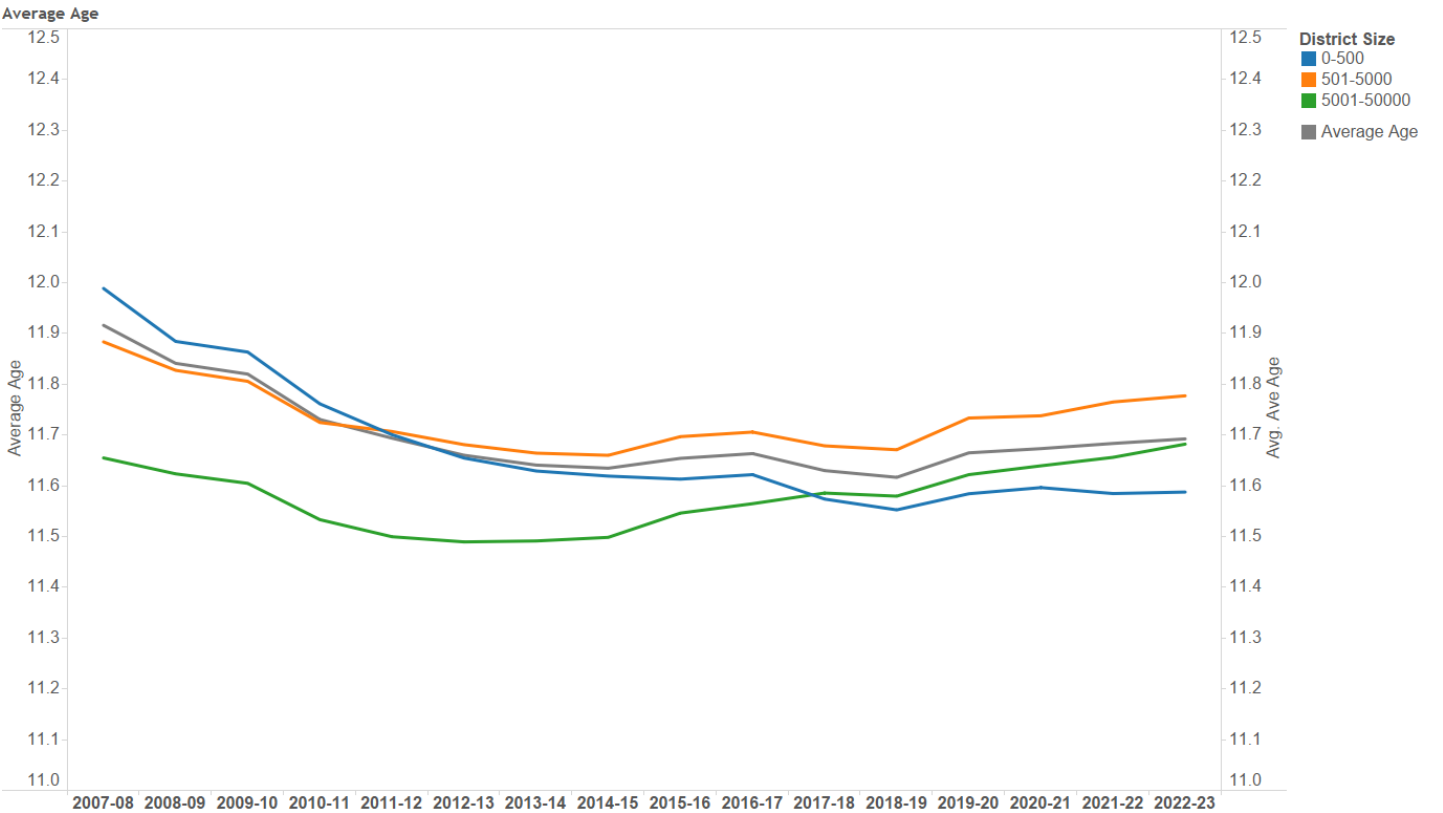
The maps above show the total student population by school district for 2012-13, 2017-18, and the projected 2022-23 (from top to bottom). Red indicates a higher percent of students eligible for free or reduced-price lunch, and green indicates a lower percent eligible.

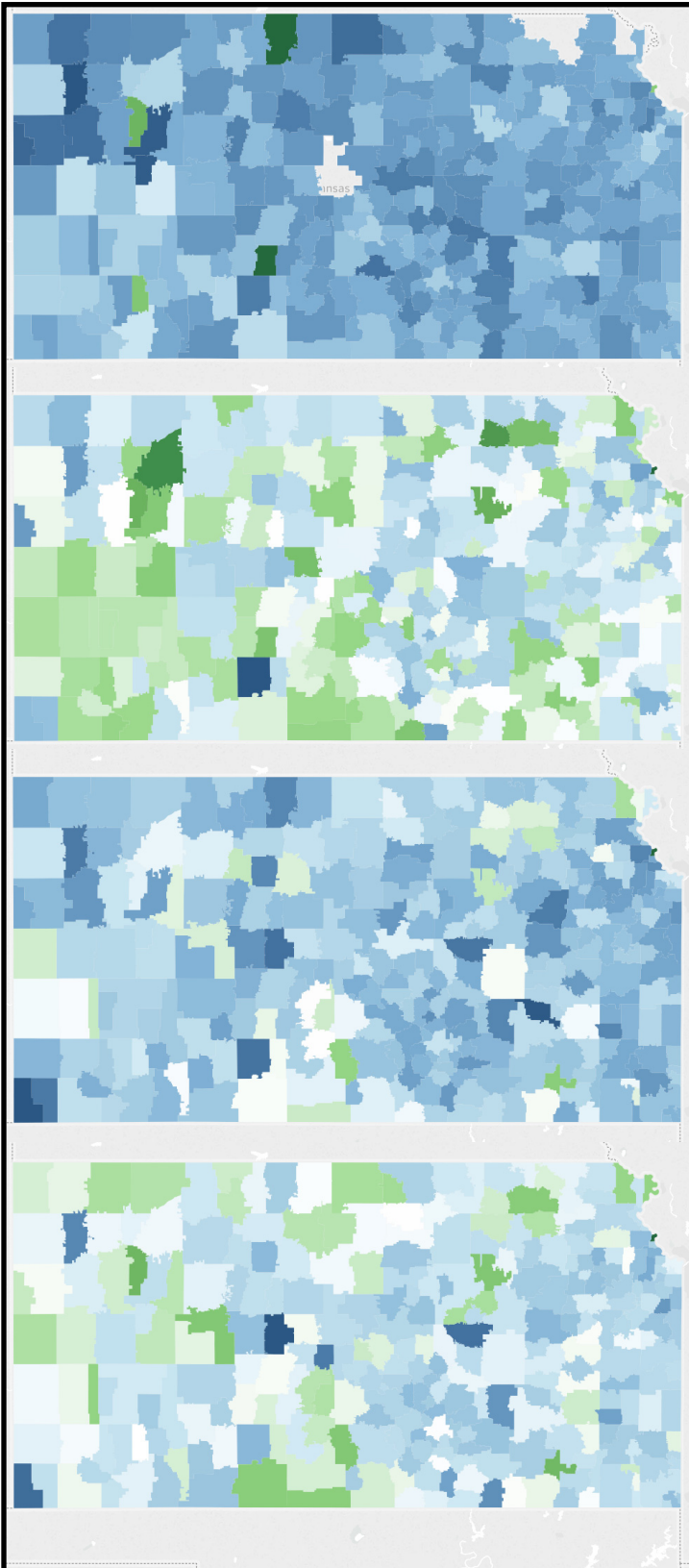
Average Age

As noted previously, average age is calculated to give an idea as to whether the student population is, on average, in the early or later part of their K-12 education experience. Ages range from 4 to 18, and as can be seen, the average has consistently been between 11.5 and 12.0 years since 2008-09.

Looking at the ages by district size, the average age of students from districts with between 5001 and 50,000 has been increasing, suggesting that these larger districts might see a decrease in enrollment in the future.

Looking at the maps on the next page, it is interesting to note that the 2012-13 and the 2022-23 maps show noticeable more districts in green, indicating a lower average age, than the 2007-08 and 2017-18 years. This suggests that there might be a long-term cyclic trend that is to be expected with different cohort sizes.





The maps above show the total student population by school district for 2007-08, 2012-13, 2017-18, and the projected 2022-23 (from top to bottom). Green indicates a lower average age, and blue indicates a higher average age.

Validity

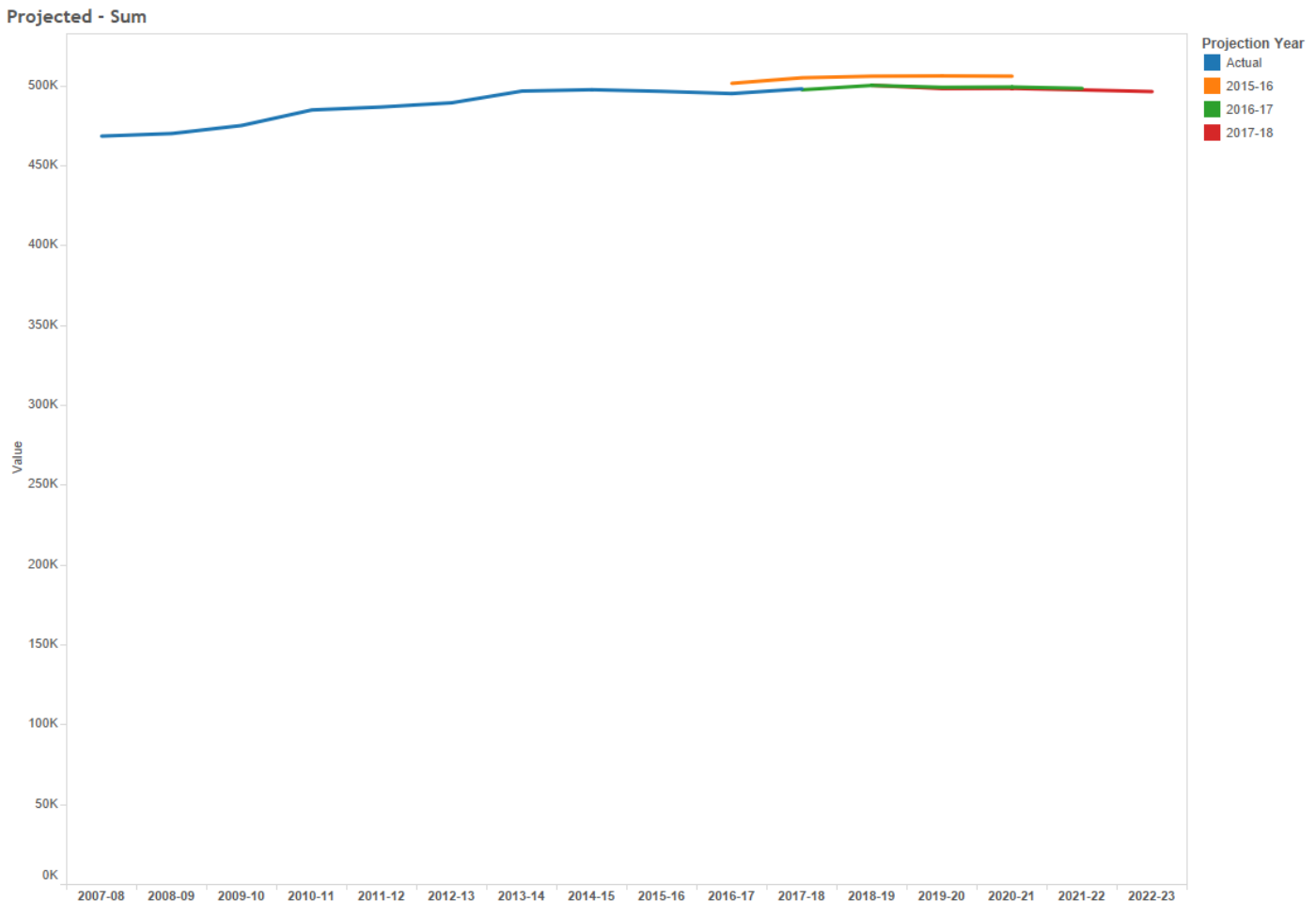
With any projection such as this, it is important to investigate the accuracy of the projections.

The chart below shows the actual numbers compared to the enrollment projections that have been done for the last three years in terms of total enrollment for the state. You can see that the projection done in 2015-16 resulted in larger student counts than the actual numbers and the projections from 2016-17 and 2017-18. There were slight adjustments made to the calculation between 2015-16 and 2016-17, and this data suggests those adjustments improved the accuracy of the projections.

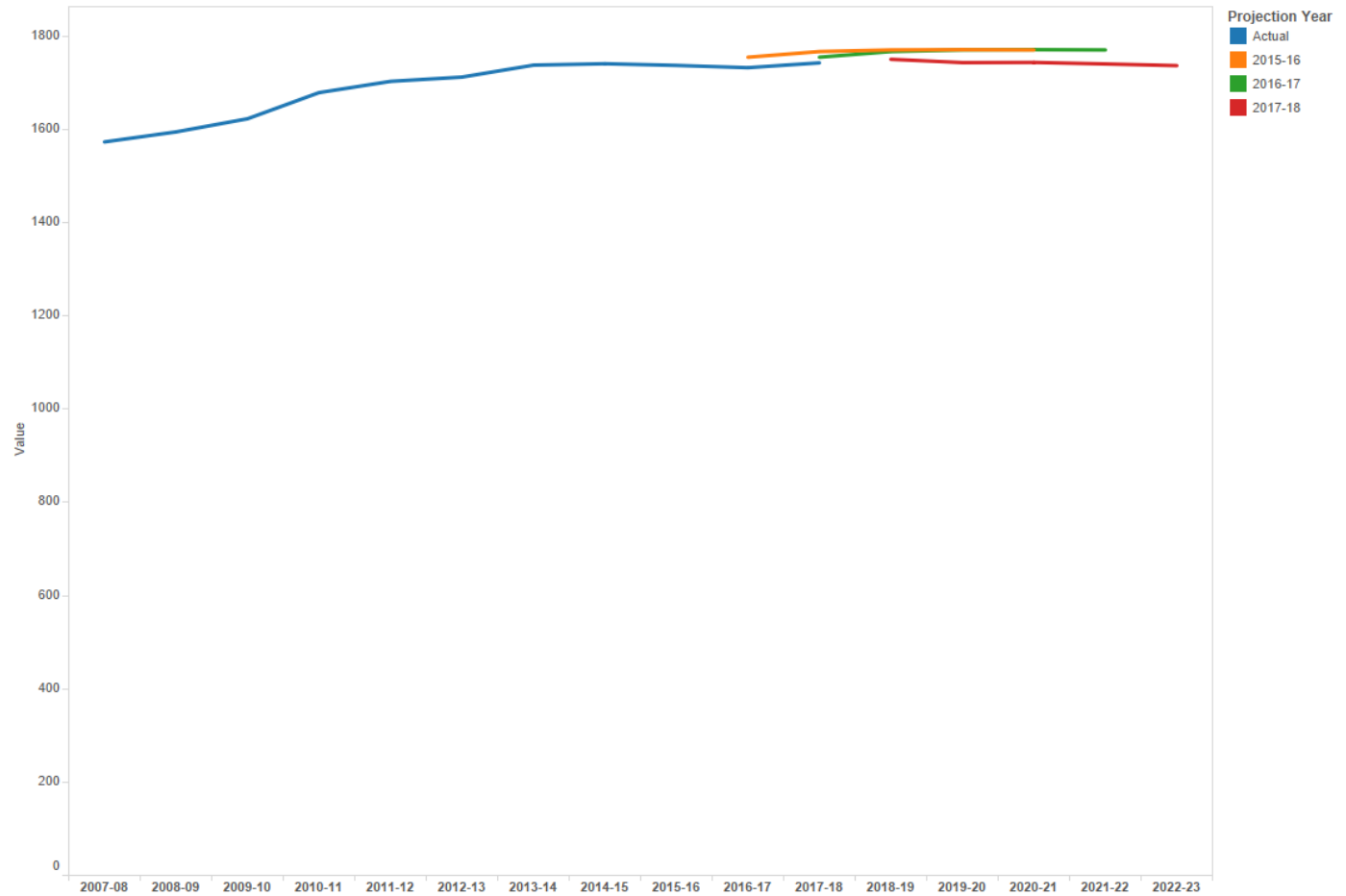
The chart at the top of the next page shows the actual numbers compared to the enrollment projections that have been done for the last three years in terms

of average district enrollment. Looking from this perspective, you see that the 2015-16 and 2016-17 created larger numbers for average district enrollment than the 2017-18 projections did, and further that for the years where there is overlap, the projected average district enrollment was larger than the actual.

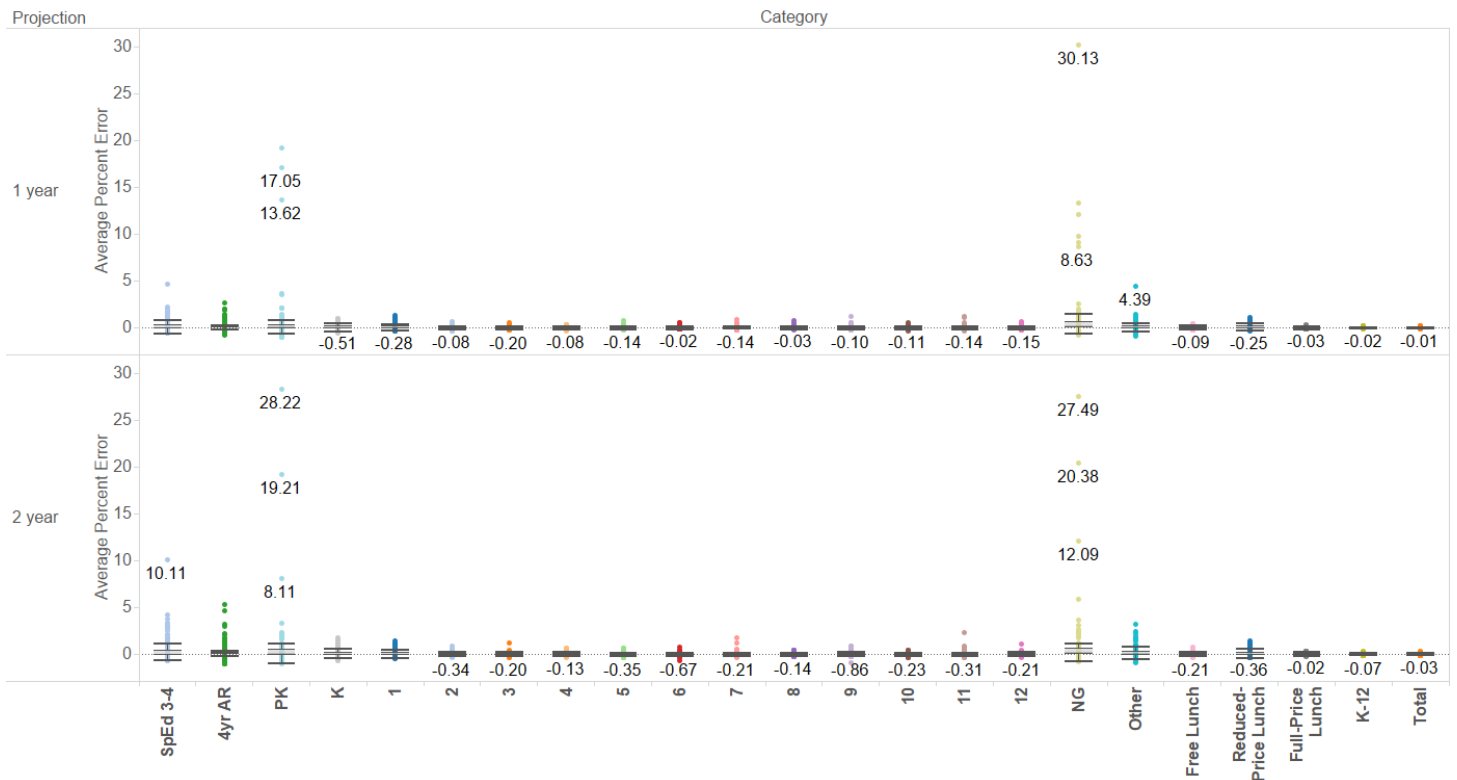
The chart at the bottom of the next page shows the percent error when comparing the actual enrollments by grade to the projections made before the actual numbers were available. The top row of the chart shows the comparison between the actual numbers and the projections made one year prior, and the second row shows the comparison between the actual numbers and the projections made two years prior. As can be seen, for both the one year and two year projections, the error for most grades is less than one percent. The exceptions are the non



Projected - Average



Percent Error



– K-12 grades such as non-graded, pre-kindergarten, special education 3-4 year olds, 4 year old at risk, and other. These grades are harder to predict both because of their low numbers and also because of the unique nature of the grade categories.

totals. These again show that the projected values are very close to the actual values at both the one year and two year marks.

The two graphs below show scatterplots comparing the actual versus projected values by grade and by

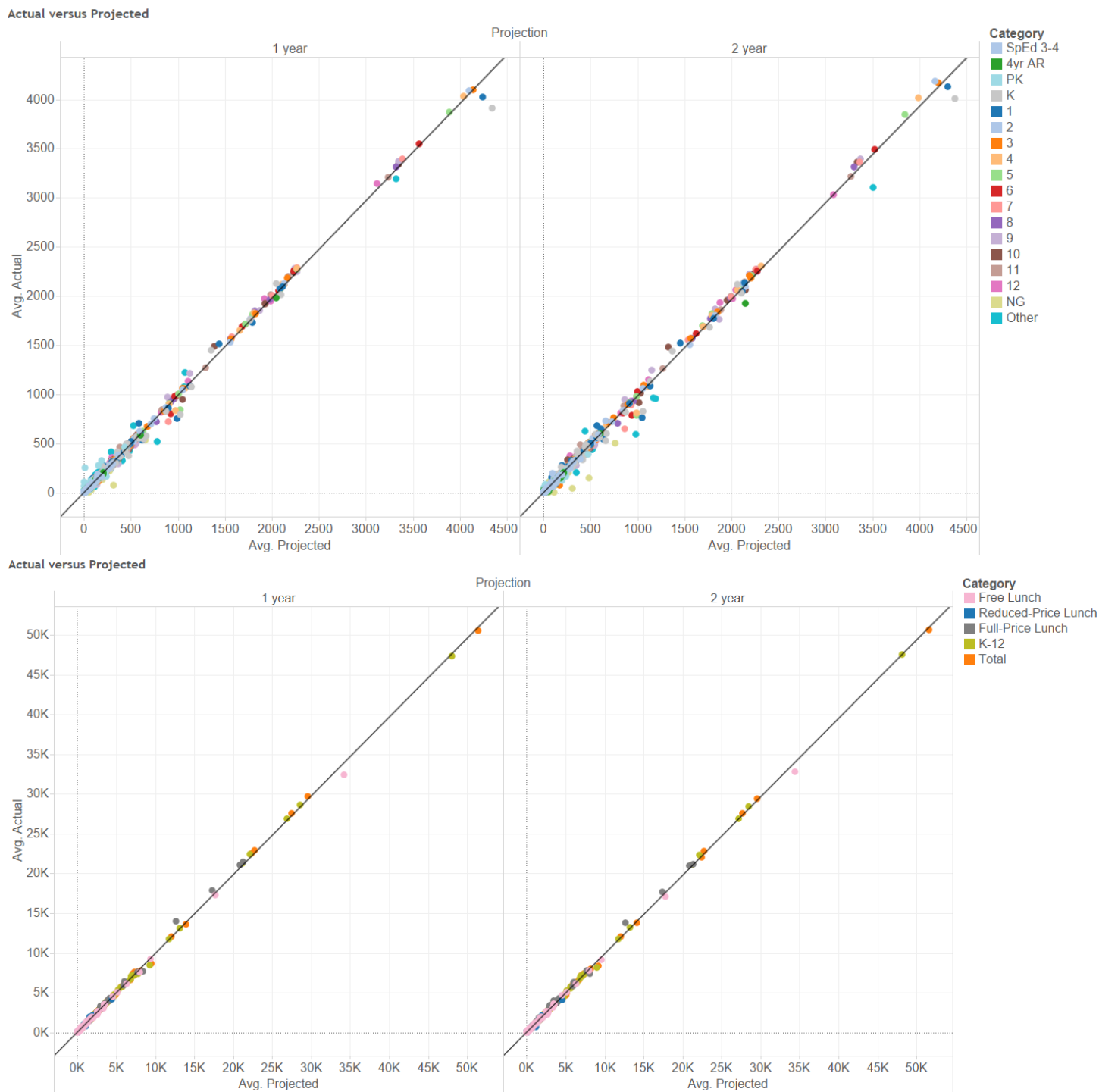


Table: District Totals

District	2007-08		2012-13		2017-18		2022-23	
	#		#	% Ch	#	% Ch	#	% Ch
101	611		577	-5.56%	553	-4.16%	539	-2.54%
102	694		721	3.89%	677	-6.10%	657	-2.88%
103	145		124	-14.48%	129	4.03%	164	27.06%
105	318		317	-0.31%	326	2.84%	483	48.25%
106	179		153	-14.53%	109	-28.76%	97	-11.04%
107	278		331	19.06%	320	-3.32%	429	33.94%
108	434		380	-12.44%	350	-7.89%	394	12.44%
109	531		492	-7.34%	523	6.30%	577	10.34%
110			248		201	-0.1895	169	-0.1598
111			374		360	-0.0374	365	0.0128
112			578		551	-0.0467	563	0.022
113			1,190		1,093	-0.0815	1,085	-0.0069
114			727		675	-0.0715	587	-0.1302
115			684		658	-0.038	679	0.0316
200	254		214	-15.75%	277	29.44%	371	33.95%
202	4,025		4,202	4.40%	4,197	-0.12%	4,284	2.08%
203	1,583		1,858	17.37%	2,380	28.09%	2,838	19.24%
204	2,499		2,546	1.88%	2,751	8.05%	2,819	2.46%
205	651		538	-17.36%	494	-8.18%	503	1.77%
206	557		572	2.69%	530	-7.34%	510	-3.75%
207	1,690		1,904	12.66%	1,922	0.95%	1,977	2.85%
208	429		392	-8.62%	405	3.32%	401	-0.94%
209	234		189	-19.23%	190	0.53%	191	0.29%
210	1,040		1,156	11.15%	1,061	-8.22%	979	-7.77%
211	699		750	7.30%	691	-7.87%	734	6.22%
212	212		194	-8.49%	170	-12.37%	145	-14.92%
214	1,729		1,758	1.68%	1,731	-1.54%	1,641	-5.20%
215	657		683	3.96%	711	4.10%	764	7.52%
216	306		253	-17.32%	198	-21.74%	199	0.49%
217	218		194	-11.01%	122	-37.11%	79	-35.61%
218	720		1,071	48.75%	1,250	16.71%	1,325	5.99%
219	286		267	-6.64%	237	-11.24%	207	-12.80%
220	221		204	-7.69%	217	6.37%	258	18.94%
223	443		488	10.16%	452	-7.38%	438	-3.10%
224	345		335	-2.90%	317	-5.37%	317	-0.14%
225	188		185	-1.60%	147	-20.54%	130	-11.49%
226	499		454	-9.02%	437	-3.74%	407	-6.86%
227	288		330	14.58%	304	-7.88%	309	1.57%
229	20,797		22,164	6.57%	22,915	3.39%	22,383	-2.32%
230	1,865		2,933	57.27%	4,025	37.23%	5,173	28.51%
231	4,307		5,446	26.45%	6,116	12.30%	6,393	4.53%
232	6,095		6,980	14.52%	7,476	7.11%	7,212	-3.53%
233	26,340		28,762	9.20%	29,943	4.11%	29,710	-0.78%
234	2,005		1,910	-4.74%	1,905	-0.26%	1,858	-2.48%

<i>District</i>	2007-08		2012-13		2017-18		2022-23	
	#		#	% Ch	#	% Ch	#	% Ch
235	471		457	-2.97%	454	-0.66%	406	-10.49%
237	489		413	-15.54%	404	-2.18%	458	13.49%
239	610		616	0.98%	613	-0.49%	585	-4.52%
240	664		631	-4.97%	619	-1.90%	614	-0.86%
241	218		203	-6.88%	201	-0.99%	239	19.03%
242	114		106	-7.02%	104	-1.89%	123	18.11%
243	577		519	-10.05%	439	-15.41%	402	-8.47%
244	870		841	-3.33%	869	3.33%	845	-2.73%
245	277		240	-13.36%	210	-12.50%	185	-12.04%
246	594		511	-13.97%	483	-5.48%	472	-2.26%
247	764		693	-9.29%	506	-26.98%	425	-15.92%
248	1,045		1,079	3.25%	1,037	-3.89%	1,040	0.32%
249	834		930	11.51%	990	6.45%	1025	3.50%
250	2,739		2,939	7.30%	3,218	9.49%	3,149	-2.14%
251	565		442	-21.77%	385	-12.90%	343	-11.00%
252	572		547	-4.37%	513	-6.22%	428	-16.58%
253	4,809		4,664	-3.02%	4,728	1.37%	4,542	-3.92%
254	555		496	-10.63%	492	-0.81%	538	9.44%
255	246		252	2.44%	248	-1.59%	259	4.43%
256	348		309	-11.21%	273	-11.65%	266	-2.73%
257	1,495		1,356	-9.30%	1,285	-5.24%	1,131	-12.02%
258	519		728	40.27%	816	12.09%	859	5.32%
259	46,843		50,364	7.52%	50,437	0.14%	48,773	-3.30%
260	6,444		6,950	7.85%	7,266	4.55%	7,206	-0.83%
261	4,818		5,370	11.46%	5,781	7.65%	5,808	0.47%
262	2,586		2,722	5.26%	2,944	8.16%	3,012	2.30%
263	1,932		1,845	-4.50%	1,798	-2.55%	1,803	0.26%
264	1,344		1,209	-10.04%	1,159	-4.14%	1,152	-0.63%
265	4,960		5,349	7.84%	5,772	7.91%	5,849	1.33%
266	6,423		7,121	10.87%	7,579	6.43%	7,596	0.23%
267	2,022		1,923	-4.90%	1,842	-4.21%	1,733	-5.90%
268	818		813	-0.61%	814	0.12%	806	-0.93%
269	174		126	-27.59%	114	-9.52%	133	16.52%
270	394		402	2.03%	374	-6.97%	307	-17.83%
271	329		301	-8.51%	345	14.62%	406	17.68%
272	386		351	-9.07%	295	-15.95%	289	-2.16%
273	754		808	7.16%	814	0.74%	810	-0.51%
274	481		470	-2.29%	462	-1.70%	546	18.11%
275	97		100	3.09%	64	-36.00%	45	-29.64%
281	406		422	3.94%	406	-3.79%	435	7.03%
282	378		324	-14.29%	373	15.12%	434	16.37%
283	193		177	-8.29%	106	-40.11%	93	-12.30%
284	456		366	-19.74%	356	-2.73%	300	-15.60%
285	151		181	19.87%	159	-12.15%	145	-9.04%

<i>District</i>	2007-08	2012-13		2017-18		2022-23	
	#	#	% Ch	#	% Ch	#	% Ch
286	400	349	-12.75%	394	12.89%	392	-0.42%
287	767	630	-17.86%	624	-0.95%	644	3.21%
288	592	575	-2.87%	562	-2.26%	550	-2.11%
289	869	833	-4.14%	807	-3.12%	787	-2.50%
290	2,539	2,537	-0.08%	2,461	-3.00%	2,302	-6.46%
291	66	97	46.97%	79	-18.56%	71	-10.67%
292	98	113	15.31%	112	-0.88%	156	38.97%
293	322	302	-6.21%	296	-1.99%	322	8.82%
294	405	367	-9.38%	352	-4.09%	399	13.31%
297	319	293	-8.15%	279	-4.78%	299	7.08%
298	358	362	1.12%	353	-2.49%	361	2.38%
299	152	267	75.66%	259	-3.00%	251	-2.91%
300	347	359	3.46%	340	-5.29%	373	9.63%
303	293	342	16.72%	300	-12.28%	263	-12.21%
305	7,154	7,305	2.11%	7,671	5.01%	7,251	-5.47%
306	699	733	4.86%	681	-7.09%	670	-1.58%
307	474	499	5.27%	454	-9.02%	426	-6.24%
308	4,502	5,132	13.99%	4,579	-10.78%	3,932	-14.13%
309	1,252	1,200	-4.15%	1,174	-2.17%	1,091	-7.11%
310	366	308	-15.85%	315	2.27%	329	4.58%
311	279	285	2.15%	277	-2.81%	278	0.49%
312	1,036	993	-4.15%	877	-11.68%	809	-7.74%
313	2,317	2,303	-0.60%	2,393	3.91%	2,315	-3.25%
314	103	92	-10.68%	141	53.26%	199	41.41%
315	1,001	1,002	0.10%	905	-9.68%	974	7.59%
316	206	235	14.08%	196	-16.60%	190	-3.18%
320	1,359	1,547	13.83%	1,562	0.97%	1,569	0.43%
321	1,248	1,271	1.84%	1,223	-3.78%	1,157	-5.43%
322	367	338	-7.90%	328	-2.96%	357	8.92%
323	856	901	5.26%	1068	18.53%	1267	18.63%
325	655	617	-5.80%	627	1.62%	654	4.36%
326	190	203	6.84%	165	-18.72%	162	-1.64%
327	595	600	0.84%	647	7.83%	675	4.36%
329	517	473	-8.51%	452	-4.44%	436	-3.63%
330	513	499	-2.73%	458	-8.22%	395	-13.67%
331	1,124	1,051	-6.49%	1,010	-3.90%	859	-14.91%
332	191	191	0.00%	182	-4.71%	178	-2.29%
333	1,142	1,098	-3.85%	1,115	1.55%	1,095	-1.83%
334	254	220	-13.39%	183	-16.82%	155	-15.50%
335	413	410	-0.73%	409	-0.24%	396	-3.11%
336	1,089	1,173	7.71%	1,205	2.73%	1,252	3.91%
337	953	953	0.00%	804	-15.63%	743	-7.55%
338	444	408	-8.11%	383	-6.13%	405	5.75%
339	516	468	-9.30%	477	1.92%	471	-1.36%

<i>District</i>	2007-08		2012-13		2017-18		2022-23	
	#		#	% Ch	#	% Ch	#	% Ch
340	953		885	-7.14%	865	-2.26%	838	-3.12%
341	576		548	-4.86%	593	8.21%	665	12.09%
342	570		535	-6.14%	514	-3.93%	444	-13.57%
343	982		894	-8.96%	757	-15.32%	686	-9.44%
344	391		359	-8.18%	384	6.96%	381	-0.77%
345	3,611		3,959	9.64%	4,029	1.77%	3,725	-7.55%
346	555		556	0.18%	600	7.91%	619	3.17%
347	363		367	1.10%	326	-11.17%	311	-4.72%
348	1,410		1,419	0.64%	1,429	0.70%	1,390	-2.73%
349	287		297	3.48%	265	-10.77%	221	-16.74%
350	393		352	-10.43%	349	-0.85%	383	9.61%
351	321		287	-10.59%	242	-15.68%	220	-9.14%
352	1,027		1,072	4.38%	986	-8.02%	961	-2.58%
353	1,723		1,675	-2.79%	1,562	-6.75%	1,476	-5.48%
355	488		472	-3.28%	510	8.05%	752	47.44%
356	665		627	-5.71%	522	-16.75%	468	-10.27%
357	776		666	-14.18%	667	0.15%	624	-6.52%
358	387		385	-0.52%	449	16.62%	485	8.00%
359	210		175	-16.67%	181	3.43%	184	1.77%
360	244		281	15.16%	274	-2.49%	244	-10.85%
361	884		912	3.17%	866	-5.04%	824	-4.90%
362	1,034		989	-4.35%	923	-6.67%	871	-5.67%
363	876		1,035	18.15%	1,000	-3.38%	963	-3.73%
364	801		771	-3.75%	829	7.52%	871	5.06%
365	1,157		1,096	-5.27%	1,047	-4.47%	927	-11.46%
366	467		480	2.78%	504	5.00%	490	-2.76%
367	1,206		1,212	0.50%	1,156	-4.62%	1,055	-8.70%
368	2,111		2,042	-3.27%	2,062	0.98%	1,967	-4.59%
369	253		254	0.40%	239	-5.91%	223	-6.71%
371	214		265	23.83%	245	-7.55%	214	-12.64%
372	742		729	-1.75%	728	-0.14%	738	1.32%
373	3,737		3,746	0.24%	3,653	-2.48%	3,356	-8.13%
374	539		501	-7.05%	470	-6.19%	476	1.35%
375	1,622		1,915	18.06%	1,946	1.62%	1,815	-6.75%
376	577		508	-11.96%	504	-0.79%	458	-9.05%
377	736		640	-13.04%	502	-21.56%	435	-13.41%
378	706		762	7.93%	691	-9.32%	657	-4.90%
379	1,434		1,402	-2.23%	1,348	-3.85%	1,319	-2.13%
380	565		591	4.60%	597	1.02%	654	9.51%
381	371		355	-4.31%	331	-6.76%	292	-11.85%
382	1,161		1,282	10.42%	1,333	3.98%	1,427	7.05%
383	5,766		6,385	10.74%	6,667	4.42%	7,286	9.28%
384	209		202	-3.35%	224	10.89%	239	6.59%
385	4,465		5,523	23.70%	8,949	62.03%	12,115	35.38%

<i>District</i>	2007-08		2012-13		2017-18		2022-23	
	#		#	% Ch	#	% Ch	#	% Ch
386	250		245	-2.00%	240	-2.04%	207	-13.84%
387	217		221	1.84%	180	-18.55%	142	-20.93%
388	377		500	32.63%	476	-4.80%	443	-6.87%
389	647		684	5.72%	676	-1.17%	662	-2.14%
390	104		88	-15.38%	59	-32.95%	41	-31.02%
392	359		323	-10.03%	279	-13.62%	296	5.98%
393	422		351	-16.82%	329	-6.27%	310	-5.75%
394	1,777		1,715	-3.49%	1,627	-5.13%	1,564	-3.88%
395	318		289	-9.12%	290	0.35%	299	3.02%
396	832		755	-9.25%	679	-10.07%	702	3.32%
397	259		333	28.57%	556	66.97%	559	0.54%
398	353		300	-15.01%	282	-6.00%	283	0.25%
399	154		156	1.30%	121	-22.44%	135	11.28%
400	1,066		1,106	3.75%	1,601	44.76%	2,554	59.50%
401	141		167	18.44%	180	7.78%	186	3.50%
402	2,347		2,338	-0.38%	2,275	-2.69%	2,088	-8.24%
403	193		203	5.18%	273	34.48%	334	22.44%
404	850		787	-7.41%	747	-5.08%	689	-7.74%
405	762		833	9.32%	811	-2.64%	817	0.80%
407	979		809	-17.36%	855	5.69%	878	2.73%
408	616		554	-10.06%	523	-5.60%	540	3.22%
409	1,673		1,701	1.67%	1,729	1.65%	1,740	0.63%
410	659		632	-4.10%	616	-2.53%	628	1.99%
411	263		263	0.00%	315	19.77%	299	-5.12%
412	335		380	13.43%	449	18.16%	494	10.11%
413	1,913		1,854	-3.08%	1,888	1.83%	1,842	-2.43%
415	933		903	-3.22%	933	3.32%	997	6.86%
416	1,688		1,839	8.95%	1,732	-5.82%	1,698	-1.95%
417	827		753	-8.95%	787	4.52%	858	9.04%
418	2,466		2,479	0.53%	2,515	1.45%	2,520	0.19%
419	419		407	-2.86%	353	-13.27%	328	-6.95%
420	696		633	-9.05%	695	9.79%	713	2.52%
421	467		444	-4.93%	451	1.58%	453	0.34%
422	202		535	164.85%	433	-19.07%	532	22.85%
423	453		427	-5.74%	410	-3.98%	418	1.91%
426	249		229	-8.03%	228	-0.44%	227	-0.53%
428	2,970		3,210	8.08%	2,984	-7.04%	2,851	-4.44%
429	376		353	-6.12%	365	3.40%	373	2.15%
430	666		583	-12.46%	578	-0.86%	564	-2.39%
431	635		736	15.91%	776	5.43%	776	-0.05%
432	268		261	-2.61%	289	10.73%	270	-6.62%
434	1,170		1,086	-7.18%	1,112	2.39%	1,036	-6.83%
435	1,687		1,622	-3.85%	1,615	-0.43%	1,504	-6.86%
436	840		831	-1.07%	799	-3.85%	741	-7.23%

<i>District</i>	2007-08		2012-13		2017-18		2022-23	
	#		#	% Ch	#	% Ch	#	% Ch
437	5,578		6,037	8.23%	6,350	5.18%	6,446	1.51%
438	385		422	9.61%	416	-1.42%	380	-8.77%
439	550		517	-6.00%	476	-7.93%	438	-8.07%
440	788		795	0.89%	786	-1.13%	704	-10.49%
443	6,057		6,880	13.59%	7,181	4.38%	7,223	0.59%
444	316		396	25.32%	305	-22.98%	268	-12.18%
445	1,909		1,891	-0.94%	1,954	3.33%	1,800	-7.88%
446	1,961		2,210	12.70%	2,154	-2.53%	2,025	-5.97%
447	944		983	4.13%	816	-16.99%	842	3.21%
448	439		433	-1.37%	451	4.16%	416	-7.72%
449	678		677	-0.15%	628	-7.24%	542	-13.73%
450	3,505		3,596	2.60%	3,555	-1.14%	3,271	-7.98%
452	467		471	0.86%	435	-7.64%	406	-6.71%
453	4,201		3,866	-7.97%	3,835	-0.80%	4,001	4.33%
454	335		337	0.60%	299	-11.28%	272	-9.04%
456	305		315	3.28%	218	-30.79%	194	-11.02%
457	7,265		7,680	5.71%	7,621	-0.77%	7,361	-3.41%
458	2,181		2,199	0.83%	2,667	21.28%	3,050	14.37%
459	264		275	4.17%	246	-10.55%	220	-10.72%
460	839		856	2.03%	812	-5.14%	793	-2.32%
461	812		741	-8.74%	708	-4.45%	676	-4.56%
462	368		349	-5.16%	325	-6.88%	334	2.87%
463	418		386	-7.66%	330	-14.51%	296	-10.41%
464	1,806		1,947	7.81%	1,977	1.54%	1,956	-1.07%
465	2,547		2,531	-0.63%	2,300	-9.13%	2,213	-3.79%
466	887		963	8.57%	1012	5.09%	1065	5.24%
467	472		427	-9.53%	413	-3.28%	425	2.98%
468	89		78	-12.36%	62	-20.51%	69	10.92%
469	2,276		2,687	18.06%	2,667	-0.74%	2,837	6.39%
470	2,933		2,774	-5.42%	2,883	3.93%	2,957	2.56%
471	197		170	-13.71%	175	2.94%	218	24.31%
473	973		1,076	10.59%	1,101	2.32%	1,204	9.38%
474	162		128	-20.99%	118	-7.81%	152	28.87%
475	6,964		8,430	21.05%	7,580	-10.08%	7,623	0.56%
476	124		150	20.97%	106	-29.33%	118	11.02%
477	273		257	-5.86%	246	-4.28%	242	-1.78%
479	239		215	-10.04%	221	2.79%	243	9.94%
480	4,585		4,948	7.92%	4,979	0.63%	4,512	-9.39%
481	447		350	-21.70%	265	-24.29%	281	6.09%
482	271		269	-0.74%	256	-4.83%	245	-4.25%
483	756		732	-3.17%	654	-10.66%	586	-10.36%
484	789		733	-7.10%	714	-2.59%	713	-0.16%
487	555		500	-9.91%	492	-1.60%	529	7.46%
489	3,094		3,067	-0.87%	3,159	3.00%	3,251	2.92%

<i>District</i>	2007-08		2012-13		2017-18		2022-23	
	#		#	% Ch	#	% Ch	#	% Ch
490	2,115		2,043	-3.40%	1,924	-5.82%	1,909	-0.76%
491	1,418		1,597	12.62%	1,785	11.77%	1,839	3.01%
492	284		282	-0.70%	266	-5.67%	258	-2.95%
493	1,226		1,076	-12.23%	960	-10.78%	913	-4.85%
494	493		493	0.00%	573	16.23%	560	-2.19%
495	922		959	4.01%	903	-5.84%	836	-7.43%
496	117		196	67.52%	149	-23.98%	143	-3.77%
497	10,623		11,854	11.59%	12,002	1.25%	11,651	-2.92%
498	397		454	14.36%	445	-1.98%	451	1.46%
499	788		838	6.35%	861	2.74%	793	-7.93%
500	19,720		20,947	6.22%	22,949	9.56%	23,007	0.25%
501	13,353		14,021	5.00%	13,388	-4.51%	12,710	-5.06%
502	76		112	47.37%	131	16.96%	129	-1.64%
503	1,406		1,403	-0.21%	1,330	-5.20%	1,307	-1.73%
504	528		477	-9.66%	491	2.94%	536	9.17%
505	560		488	-12.86%	430	-11.89%	384	-10.60%
506	1,592		1,660	4.27%	1,658	-0.12%	1,599	-3.55%
507	363		303	-16.53%	288	-4.95%	261	-9.35%
508	973		1,062	9.15%	996	-6.21%	912	-8.47%
509	263		202	-23.19%	202	0.00%	251	24.23%
511	145		173	19.31%	188	8.67%	211	12.05%
512	27,831		27,444	-1.39%	27,599	0.56%	26,986	-2.22%
Total	464,118		489,582	5.49%	498,317	1.78%	496,593	-0.35%

Accessing District-Level Data

The following are the steps to running district-level projections using KASB’s online tools.

- 1. Visit <https://kasb.org/research/kasb-data/members-only/enrollment-projections/>
- 2. Select the district (or districts) you wish to include in your projections using the filters on the right side of the Overview page.
- 3. If you wish to narrow the results by year, you can also do that on the Overview page.
- 4. Use the tabs across the top to select the graph or table you wish to view.
- 5. For graphs, you can download by selecting the “Download” menu in the lower right corner of the Tableau tool then selecting either “PDF” or “Image.”
- 6. For tables, you can download the data in a comma-separated file that can be opened in Excel by selecting “Crosstab.”

For additional map options, visit <https://kasb.org/research/kasb-data/members-only/enrollment-projections-2/> and follow steps 2-5 above.

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KASB Region 2

Average Age

Avera

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Year

(All)

USD

(All)

USD Name

(All)

KASB Region

(All)

KSHSAA Class

(All)

KNEA Uniserv

(All)

High School League

(All)

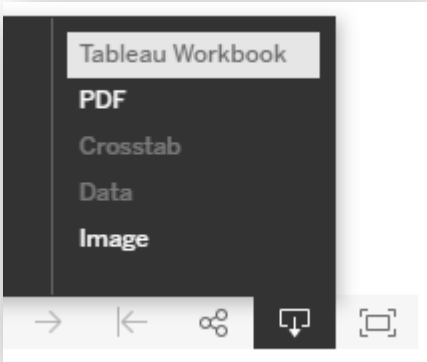
District Size

(All)

Student FTE

68

46108



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